

Form PTO-1449

# **INFORMATION DISCLOSURE CITATION IN AN APPLICATION**

(Use several sheets if necessary)

 ATTY DOCKET NO.  
0425-0867P

 APPLICATION NO.  
NEW 107018688

 APPLICANT  
Osamu ASANO et al.

 FILING DATE  
December 20, 2001

 GROUP  
UNASSIGNED

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>[initials]</i>	4,728,644	1988-03-01	YUKI et al.	—	—	—
<i>[initials]</i>	5,552,426	1996-09-03	LUNN et al.	—	—	—
<i>[initials]</i>	4,772,600	1988-09-20	TOMCZUK et al.	—	—	—
<i>[initials]</i>	4,212,876	1980-07-15	HOULIHAN	—	—	—
<i>[initials]</i>	4,714,762	1987-12-22	HOEFLE et al.	—	—	—

## **FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
<i>[initials]</i>	11-263789	1999-09-28	JAPAN	—	—	—	✓
<i>[initials]</i>	99-57103	1999-11-11	WO	—	—	—	—
<i>[initials]</i>	10-182636	1998-07-07	JAPAN	—	—	—	✓
<i>[initials]</i>	98-39344	1998-09-11	WO	—	—	—	—
<i>[initials]</i>	97-33873	1997-09-18	WO	—	—	—	—
<i>[initials]</i>	2-306916	1990-12-20	JAPAN	—	—	—	✓

## **OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

<i>[initials]</i>	R. J. CHORVAT et al., (March 1999) Vol. 42, Nol 5, pp.833-848.
<i>[initials]</i>	R.C. YOUNG et al., J. Med. Chem. (1990), Vol. 33, No.8, pp.2073-80.
<i>[initials]</i>	A. MATSUDA et al., (1991), Vol. 263, No. 2, pp. 93-100.
<i>[initials]</i>	G.B. BARLIN et al., J. Chem. Soc. B., (1971), No. 7, pp.1425-1432.
<i>[initials]</i>	B.E. TOMCZUK et al., J. Med. Chem. (1991), Vol. 34, No. 10, pp. 2993-3006.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#6

Sheet 1 of 1 (6/3/2002)

Form PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

 ATTY DOCKET NO.  
0425-0867P

 APPLICATION NO.  
10/0181688

 APPLICANT  
Osamu ASANO et al.

 FILING DATE  
December 20, 2001

 GROUP  
1614

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
<i>[initials]</i>	WO 95/18128	07-06-1995	PCT 1	—	—	X	—
<i>[initials]</i>	WO 98/03507	01-29-1998	PCT 2	—	—	X	—
<i>[initials]</i>	WO 97/01551	01-16-1997	PCT 3	—	—	X	—
<i>[initials]</i>	WO 98/01459	01-15-1998	PCT 4	—	—	X	—

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

<i>[initials]</i>	Hitoshi TAKAGI et al.; Investigative Ophthalmology & Visual Science, June 1996, Vol. 37, No. 7, pp. 1311-1321.	5
<i>[initials]</i>	Hitoshi TAKAGI et al.; Investigative Ophthalmology & Visual Science, October 1996, Vol. 37, No. 11, pp. 2165-2176.	6
<i>[initials]</i>	Bertil B. FREDHOLM et al.; Pharmacological Reviews; Vol. 46, No. 2, pp. 143-156.	7
<i>[initials]</i>	Dietrich Van CALKER et al.; Journal of Neurochemistry, Vol. 33, pp. 999-1005.	8
<i>[initials]</i>	Robert F. BRUNS et al.; Molecular Pharmacology, Vol. 29, pp. 331-246.	9
<i>[initials]</i>	W. WAN et al.; Journal of Neurochemistry; Vol. 55, No. 5, 1990, pp. 1763-1771.	10
<i>[initials]</i>	R.A. John CHALLIS et al.; Biochem. J.; 1984; Vol. 221, pp. 915-917.	11
<i>[initials]</i>	R.A. John CHALLIS et al.; European Journal of Pharmacology - Molecular Pharmacology Section; Vol. 226; 1992; pp. 121-128.	12
<i>[initials]</i>	Susan J. VANNUCCI et al.; Biochem. J.; 1992, Vol. 288; pp. 325-330.	13
<i>[initials]</i>	Michael G. COLLIS et al.; TiPS; October 1993, Vol. 14, pp. 360-366.	14

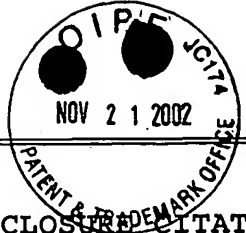
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

0425-0867P

MSW/sh



Form PTO-1449  <b>INFORMATION DISCLOSED CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	ATTY DOCKET NO. 0425-0867P	APPLICATION NO. 10/018,688 <i>11</i>
	APPLICANT Osamu ASANO et al.	
	FILING DATE December 20, 2001	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

RECEIVED  
NOV 22 2002  
TECH CENTER 1600, 2nd

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
<i>86</i>	EP	1 054 012	A1	2000-11-22	EUROPE <i>15</i>	<i>—</i>	<i>—</i>	X	<i>—</i>

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.


EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>6/20/03</i>
--------------------------------	-----------------------------------



#6-1

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	ATTY DOCKET NO. 0425-0867P	APPLICATION NO. 10/018,688
	APPLICANT Osamu ASANO et al. <span style="float: right;">111</span>	
	FILING DATE December 20, 2001	GROUP 1614

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
	US						

**FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
<i>[initials]</i>	EP	0 544 445	A2	06-02-1993	Europe <i>16</i>	—	—	X	
<i>[initials]</i>	SU	1 282 506	A	12-10-1997	Soviet Union <i>17</i>			Abs	

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

<i>[initials]</i>	Yu. M. YUTILOV et al.; English translation of Khimiya Geterotsiklicheskih Soedinenii, No. 5, pp. 639-645, May 1987. <span style="float: right;">18</span>
<i>[initials]</i>	Yu. M. YUTILOV et al.; Chemical Abstracts, Vol. 87, No. 9, August 29, 1977, Abstract No. 68239. <span style="float: right;">19</span>
<i>[initials]</i>	Yu M. YUTILOV et al.; Chemical Abstracts, Vol. 98, No. 7, February 14, 1983, Abstract No. 53774. <span style="float: right;">20</span>
<i>[initials]</i>	Yu M. YUTILOV et al.; Chemical Abstracts, Vol. 113, No. 21, November 19, 1990, Abstract No. 186495. <span style="float: right;">21</span>
<i>[initials]</i>	Guido VISCARDI et al.; Journal of Heterocyclic Chemistry, Vol. 29, No. 4, July 1992, pp. 835-839. <span style="float: right;">22</span>
<i>[initials]</i>	Spiros GRIVAS et al.; Journal of Heterocyclic Chemistry, Vol. 32, No. 2, 1995, pp. 467-471. <span style="float: right;">23</span>
<i>[initials]</i>	Ludwik BUKOWSKI et al.; Arch. Pharm. (Weinheim), Vol. 324, No. 2, 1991, pp. 121-127. <span style="float: right;">24</span>
<i>[initials]</i>	P. BARRACLOUGH et al.; Eur. J. Med. Chem., Vol. 25, No. 6, 1990, pp. 467-477. <span style="float: right;">25</span>
<i>[initials]</i>	Yu M. YUTILOV et al.; Vol. 25, No. 7, July 1989, pp. 940-947; English translation of Khimiya Geterotsiklicheskih Soedinenii. <span style="float: right;">26</span>
<i>[initials]</i>	Francisco PERANDONES et al.; Journal of Heterocyclic Chemistry, Vol. 34, September 1997, pp. 1459-1461. <span style="float: right;">27</span>
<i>[initials]</i>	Francisco PERANDONES et al.; Journal of Heterocyclic Chemistry; Vol. 34, January 1997, pp. 107-112. <span style="float: right;">28</span>

EXAMINER <i>[signature]</i>	DATE CONSIDERED <i>6/20/03</i>
--------------------------------	-----------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

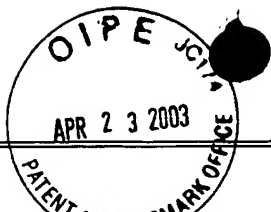
0425-0867P

RECEIVED

MSW/sh

APR 24 2003

TECH CENTER 1300/2000



116-2

Sheet 2 of 2

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY DOCKET NO.  
0425-0867P

APPLICATION NO.  
10/018,688

APPLICANT  
Osamu ASANO et al.

FILING DATE  
December 20, 2001

GROUP  
1614

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
	US						

**FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

	Thomas C. McKenzie et al.; Journal of Heterocyclic Chemistry, Vol. 24, November 1987, pp. 1551-1553. 29
	Nico KOS et al.; Journal of Organic Chemistry Society; Vol. 48, No. 6, 1983, pp. 850-855. 30
	F. BERGMANN et al.; Tetrahedron, Vol. 30, No. 17, September 1974, pp. 3045-3051. 31
	Yu M. YUTILOV et al.; Russian Journal of Organic Chemistry; Vol. 30, No. 3, 1994, pp. 461-463. 32
	Ken-ichi TANJI et al.; Heterocycles, Vol. 30, No. 1, 1990, pp. 435-440. 33
	R.A. ABRAMOVITCH et al.; Journal Organic Chemistry, Vol. 39, No. 13, 1974, pp. 1802-1807. 34
	Mitsuhiro TAKESHITA et al.; Heterocycles, Vol. 31, No. 12, 1990, pp. 2201-2204. 35
	Imayoshi TOMONORI; Patent Abstracts of Japan, Vol. 010, No. 362, December 4, 1986. 36

**RECEIVED**

EXAMINER

DATE CONSIDERED

6/20/03 4 2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

TECHNICAL 1000/2000

0425-0867P

MSW/sh